

Curriculum Vitae



Personal Data:

Family Name: Mustafa

First Name: Damra

Date of Birth: 15/11/1970 (Shandi, Sudan).

Marital Status: Married, 3 boys.

Address: Bahri North, Salama, Block 5, House No. 934 or
College of Applied and Industrial Science,
University of Bahri, P.O. Box 12327 Postcode:
11111, Khartoum, Sudan.

Tel: +249-123780965 or +249-114196388

Fax: +249-154912423

E-mail: damrjm@yahoo.com or damrj@hotmail.com

Educational Records:

1. 1987-1990: Atabra Secondary School.

2. 1991-1995: University of Juba, B. Ed (Chemistry & Biology) Division One GPA 3.65 (Best graduating student).
3. 1996-1997: M.Sc. Qualifying Year in Chemistry, University of Khartoum, Sudan (The title of dissertation: *Kinetics and Mechanisms of peroxodisulphate: ion reactions with inorganic species*).
4. 1999-2001: M.Sc. in Chemistry, University of Khartoum, Sudan (The title of the thesis: *Chemistry of artemisinin (Qinghaosu): An Electron Paramagnetic Resonance (EPR) study and Nucleobases interaction*).
5. 2007-2008: Chinese Language, Central China Normal University, Wuhan, China.
6. 2008-2011: Ph.D in Physical Chemistry, China Normal University, Wuhan, China. (The title of the thesis: *Gold Nanoparticle: preparation, properties, Labeling and Catalysis applications*).

Employment:

1. 1995-2000: Teaching Assistant, College of Education, University of Juba, Sudan.
2. 2000-2002: Lecturer, College of Education, University of Juba, Sudan.
3. 2002-2005: Lecturer, College of Education, Zanzibar, Tanzania.

4. 2005-2011: Lecturer, College of Education, University of Juba, Sudan.
5. 2011- to present: Assistant Professor, College of Applied and Industrial Science, University of Bahri.

Other Experience:

1. 1999: Part-time Lecturer, College of Education, Upper Nile University, Sudan.
2. 2001: Part-time Lecturer, Faculty of Science, Umdurmann University, Sudan.
3. 1995-1997: Administrative assignment as a representative Dean of Student, the nature of work deals with student's affairs.
4. 2001-2002: 2005-2006: Examination Officer, College of Education, University of Juba, Sudan.
5. 2011-2012: Head, Department of Chemistry, College of Education, University of Bahri.
6. 2012: Acting Director, Directorate of Quality and Development, University of Bahri, Sudan.
7. 2012 to 2013: Head, Department of Professional Development, Directorate of Quality and Development, University of Bahri, Sudan.

8. 2013 to present: Deputy Dean, College of Applied and Industrial Science, University of Bahri.

Training Courses:

1. March 2002: UNESCO/ISESCO Advanced Training Program on Micro-Science Experiments and DIDAC.
2. December 2006: University Self-Evaluation Training Program, Ministry of Higher Education and Scientific Research, Sudan.
3. April 2007: University Management Systems, University of Juba, Sudan.
4. September 2011, Application of Instructional Technology in University Teaching, University of Khartoum, Sudan.
5. October 2011, Evaluation and Measurement, University of Khartoum, Sudan.
6. October 2011: Principles of Evaluation and Sudan National Bench marks for Higher Education, Ministry of Higher Education and Scientific Research, Sudan.

Publications:

1. Ahmed K. Yagoub and Damra E. Mustafa, Artemisinin RNA Interaction, American -Eurasian Journal of Scientific Research 1(1):23-24, 2006.

2. Damra E. Mustafa, Tianming Yang, Zhou Xuan, Shizhen Chen, Haiyang Tu, and Aidong Zhang, The surface plasmon coupling effects of gold nanoparticles with different shape and size on the conventional surface plasmon resonance signal, *Plasmonics*, 2010, Volume 5, Number 3, 221-231.
3. Damra E. Mustafa, Hua Fan, Xuan Zhou, Haiyang Tu and Aidong Zhang, Adsorption Behaviour of PEGylated Gold Nanoparticles to Different Surfaces Probed by CV Monitoring, ICACE 2011 Conference, Hong Kong, China.
4. Damra E. Mustafa, Hua Fan, Xuan Zhou, Haiyang Tu and Aidong Zhang, Adsorption Behaviour of PEGylated Gold Nanoparticles to Different Surfaces Probed by CV Monitoring. *Advanced Materials Research*, 2012, Volume 455-456, 689-695.
5. Damra E. Mustafa and Ahmed K. Yagoub, Chemistry of the antimalarial drug, artemisinin (Qinghaosu): Ion reaction and Electron Paramagnetic Resonance (EPR) study. (Under process)
6. Damra E. Mustafa, Zumrat Habibul, Haiyang Tu and Aidong Zhang, Shape- and size-dependent of gold nanocatalysis of Sonogashira coupling reaction, to be submitted soon.

7. Damra E. Mustafa, Haiyang Tu and Aidong Zhang, Gold nanocatalysts supported on lanthana for the catalysis of cyclohexane oxidation, to be submitted soon.